

Notice of Allowability

Application No.

09/857,364

Examiner

Baoquoc N. To

Applicant(s)

GO, NAOMI

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/28/2005.
2. ☒ The allowed claim(s) is/are 1, 6, 8 -10 and 12.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

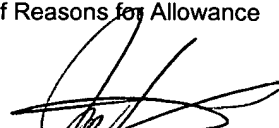
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 10/28/2005.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____.


JEAN M. CORRIELUS
PRIMARY EXAMINER

DETAILED ACTION

1. Claims 1, 4, 6, 8-10, 12, 13 and 16-22 are amended and claims 23-24 are added in the amendment filed on 07/28/2005. Claims 1, 4-6, 8-10 and 12-14 and 16-24 are pending in this application.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Micki D. Murray Reg. 56,846 on 10/28/2005.

The application has been amended as follows:

1. (Currently amended) An information processing apparatus for providing position indicative of a position of a home page having at least one object and being present on a network, the apparatus comprising:

a database storing discrimination assigned to the object and said position information of the corresponding home page;

collections means for receiving a search request from a terminal, the search request including discrimination information assigned to the object from the home page and the position information of the home page and for registering the collected discrimination information and position information in said data base, wherein said collection means collects related information related to said object and register said

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position information and related information corresponding to said discrimination information in said database;

receiving means for receiving a search request from a terminal, the search request including discrimination information assigned to the object;

search means for searching the database for and finding said position information corresponding to the discrimination information of the search request;

preparing means for preparing a list of said position information found by the search means;

issue means for issuing new discrimination assigned to the object and storing said new discrimination on said database when said discrimination information has not previously registered in said database;

addition means for adding a degree of importance of the object; and

transmission means for transmitting said list of position information and said new discrimination information to said terminal;

wherein said preparing means prepare the list of said position information arranged in order to the degree of importance;

wherein said related information includes a keyword used to search for discrimination information assigned to said object and the apparatus further comprises:

interface means for receiving said keyword transmitted from said terminal; and

reverse processing means for search said discrimination information corresponding to the keyword received from said interface means;

wherein said transmission means transmits the search result including said discrimination to said terminal for use in creating said search request.

12. (Currently amended) A recording medium in which a program for causing a computer to execute information processing for providing position information indicative of a position of a home page having at least one object recorded, said program comprising:

a searching step for searching for and finding position information in a database storing discrimination information assigned to the object and said position information of the corresponding home page;

a collection step for collecting said discrimination information of the object from the home page and the position information of the home page and for registering the collected discrimination information and position information in said database, wherein said collection step further includes collecting related information related to said object and registering said position information and related information corresponding to said discrimination information in said data base, wherein said related information includes a key word used to search for discrimination information assigned to said object;

an issue step for issuing new discrimination information assigned to the object and storing said new discrimination information on said database when said discrimination information has not previously been registered in said database;

an adding step for adding a degree of importance to the object;

a preparing step for preparing a list of said position information found in the searching step arranged in order of said degree of importance;

~~issuing step for issuing said discrimination information when the discrimination has not previously been registered in said data base;~~

a transmission step for transmitting said list of position information and said new discrimination information to said terminal;

an interface step for receiving said key word from said terminal; and

a reverse processing step for searching said discrimination information corresponding to the key word received from said interface step;

wherein said transmission step further includes transmitting the search result having said discrimination information to said terminal for use in creating said search request.

Please cancel claim 4.

Please cancel claim 5.

In claim 9, line 2, delete [[4]], replace with --1--;

Please cancel claim 13.

Please cancel claim 14.

Please cancel claim 16.

Please cancel claim 17.

Please cancel claim 18

Please cancel claim 19.

Please cancel claim 20.

Please cancel claim 21.

Please cancel claim 22.

Please cancel claim 23.

Please cancel claim 24.

Allowable Subject Matter

3. Claims 1, 6, 8 -10 and 12 are allowed over prior art made of record.

As to claim 1, none of the prior art alone or in combination neither teach or suggest "preparing means for preparing a list of said position information found by the search means; issue means for issuing new discrimination assigned to the object and

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storing said new discrimination on said database when said discrimination information has not previously registered in said database; addition means for adding a degree of importance of the object; and transmission means for transmitting said list of position information and said new discrimination information to said terminal; wherein said preparing means prepare the list of said position information arranged in order to the degree of importance; wherein said collection means collects related information related to said object and register said position information and related information corresponding to said discrimination information in said database, wherein said related information include a keyword used to search for discrimination information assigned to said object and the apparatus further comprise: Interface means for receiving said keyword transmitted from said terminal; and reverse processing means for search said discrimination information corresponding to the keyword received from said interface means; wherein said transmission means transmits the search result including said discrimination to said terminal for use in creating said search request” in conjunction with “collections means for receiving a search request from a terminal, the search request including discrimination information assigned to the object from the home page and the position information of the home page and for registering the collected discrimination information and position information in said data base; receiving means for receiving a search request from a terminal, the search request including discrimination information assigned to the object; search means for searching the database for and finding said position information corresponding to the discrimination information of the search request.”

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Patent

Schuetze et al. (US. Patent No. 6,567,797 B1) Date: 05/20/2003.

Brady et al. (US. Patent No. 6,463,430 B1) Date: 10/08/2002.

De Vries et al. (US. Patent No. 6,219,671 B1) Date: 04/17/2001.

NPL

Kleinberg, M. Jon. Authoritative sources in a hyperlink environment, Journal of hte ACM, 1999, pages 604-632.

Klerfi et al. Image retrieval from the World Wide Web: Issues, Techniques, and System. ACM Computing Surveys, 2004, pages 35-67.

Carpentieri et al. Compression and Complexity of SEQUENCES 1997, 06/11/1997, pages 6.

Contact Information

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) -273-8300

[Official Communication]

BQ To

Oct 28th, 2005



JEAN M. CORRIELUS
PRIMARY EXAMINER